



PER-OA

Door and wall grilles

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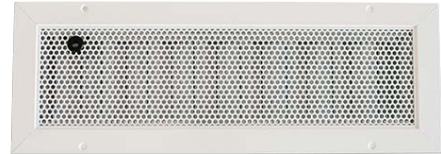
Door and wall grilles

Introduction

The adjustable transfer grille type PER/OA is specifically designed for spaces requiring a certain over- or underpressure. The grille can be accurately adjusted using its built-in volume controller and an Allen key. The appearance is identical on both sides of the door or wall. Minimum wall thickness is 40 mm.

Features

- Standard finish: RAL 9010
- Easily adjustable with an Allen key
- Easy installation
- Adjustable transfer grille
- Suitable for "Cleanrooms"

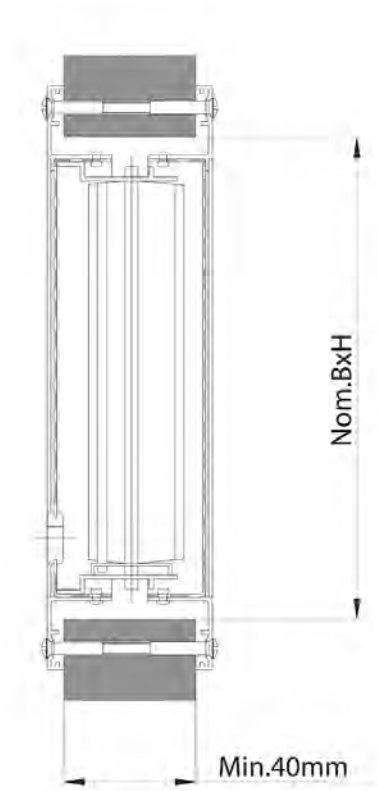


Technical data PER-OA



Finish

Standard white powder-coated, RAL 9010
Other colors available upon request



PER/OA

Dimensions

- PER/OA Width: 100 – 625 mm
Height: 100 – 625 mm
- Custom dimensions available upon request

Edge types

- 25 Standard flange edge

Mounting options

PSF patent screws for mounting in 40 mm doors are standardly included (SF/NF is also possible).

Order example

	PER/OA /	425x225 /	RAL9010 /	R25 /	PSF
Grille type					
Dimensions WxH					
Finish					
Edge type					
Mounting					

Selection tables

Door and wall grille

PER-OA

Selection example

PER-OA

PER-OA / 625x225

Airflow: 292 m³/h

Effective air velocity: 1.5 m/s

Static pressure loss with 50%

open volume controller: 4.5 Pa

Nominal size	Air passage EFF. m²	V. m³/				
		M/S 0,5	1,0	1,5	2,0	2,5
325 x 125	0,0135	25	50	75	100	125
425 x 125	0,0180	32	65	97	130	162
525 x 125	0,0225	40	80	120	160	200
625 x 125	0,0270	50	100	150	200	245
225 x 225	0,0180	32	65	97	130	162
425 x 225	0,0360	65	130	195	260	325
525 x 225	0,0450	80	160	240	320	400
625 x 225	0,0540	97	195	292	390	485
325 x 325	0,0405	73	145	218	290	365
425 x 325	0,0540	97	195	292	390	485
525 x 325	0,0675	122	243	365	485	610
625 x 325	0,0810	145	290	435	580	730
425 x 425	0,0720	130	260	390	520	650

Static pressure loss PS in Pa

100% open volume controller	0,5	1,5	3,5	6,0	9,5
50% open volume controller	0,5	2,0	4,5	8,0	12,5
25% open volume controller	1,0	4,5	10,0	18,0	28,0



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